

MSIP Planning Guide

Traditional Schedule Version

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 Mars Image Analysis Engage	2 Mars Image Analysis Part 1 - 2	3 Mars Image Analysis Part 3	4 Mars Image Analysis Part 4	5 Question Mars Introduction	
	6 Question Mars Student Worksheet 1 Establish a group topic	7 Question Mars Student Worksheet 2: Making Observations	8 Question Mars Student Worksheet 2: Group observation sharing	9 Question Mars Student Worksheet 3: Step 1 and Step 2	10 Question Mars Student Worksheet 3: Step 3 Group Vote for Final Question	
	11 Question Mars Student Worksheet 4	12 Question Mars Student Worksheet 5	13 Background Research Research on topic	14 Background Research Research and sharing on topic	15 JMARS overview Preview the types of data that can be collected using JMARS	
	16 JMARS overview Finalize Student Worksheet 5 Class discussion on procedures/protocol	17 Writing the Proposal Divide work out over groups and combine into one proposal document.	18 Writing the Proposal Divide work out over groups and combine into one proposal document.	19 Sending the Proposal Send final draft of Proposal to ASU Mars Education Organize data collection groups for experiment	20 Data Collection	
	21 Data Collection	22 Data Collection	23 Finalize Data Collection	24 Graphing the Data Discuss the types of graphs needed to answer the question and additional graphs that can be used based on data collected.	25 Graphing the Data Graph data once there is a consensus on the types of graphs to use.	

MSIP Planning Guide

Traditional Schedule Version

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	26 Answering the Question Break graphs up using differentiation among students. Ask students to make observations of the data and interpret it's meaning. Collect and organize explanations based on type of graph.	27 Answering the Question Student vote on the best explanation for each graph.	28 Preparing for the Final Report Divide out jobs for the Final Report.	29 Final Report Pull together entire project into written report to submit to ASU Mars Education.	30 Final Report Pull together entire project into written report to submit to ASU Mars Education.	
	31 Submission and targeting Submit final report and begin discussing areas of interest to target new THEMIS images. Wait to receive a targeting link from ASU Mars Education.					



Indicates computer lab days



Indicates the need for computers based on teacher instructional preference.